

FGDC Address Subcommittee



October 14, 2020
11:00 pm– 12:30 pm Eastern

Meeting Agenda

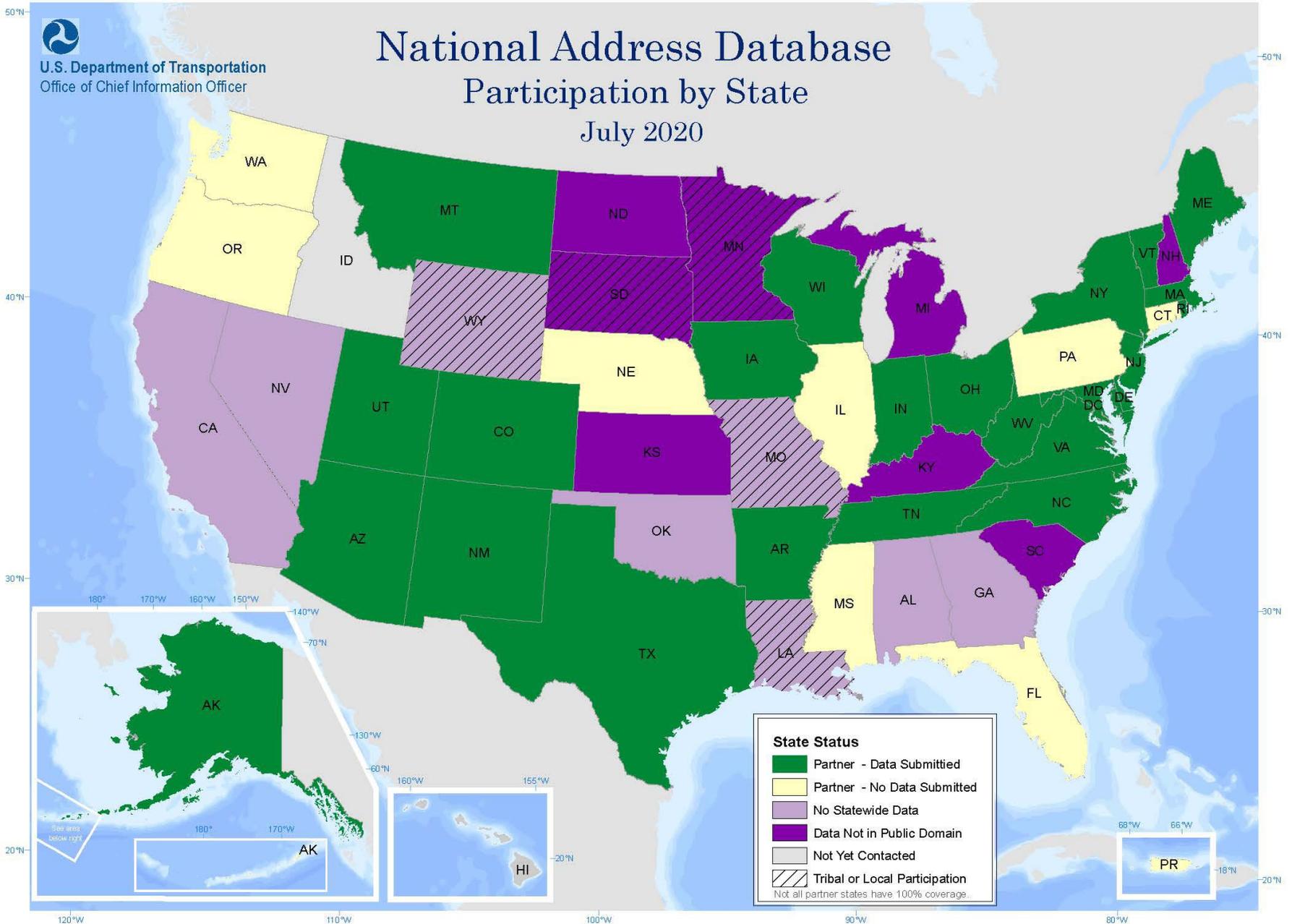
1. Welcome and Introductions/Roll Call – 5 min
2. NAD Updates – Iftach Pearlman – 5 min
3. Puerto Rico Civic Address Vulnerability Evaluation (PRCAVE) Update – Raul Rios-Diaz – 10 min
4. Puerto Rico Address Data Working Group (PRADWG) Phase 3 Update – Dave Cackowski – 5 min
5. Address Workflow Subgroup Presentation – Matt Zimolzak – 15 min
 - Revisions to State-Based Address Workflow Chart
6. NAD Content Recommendations (Continued) – Matt Zimolzak, Dave Cackowski – 55 min
7. Action Item Review – Dave Cackowski – 5 min
8. Adjourn

NAD Updates



U.S. Department of Transportation
Office of Chief Information Officer

National Address Database Participation by State July 2020



Puerto Rico Civic Address Vulnerability Evaluation (PRCAVE) Update

Puerto Rico Address Data Working Group (PRADWG) Phase 3 Update

State Based Address Workflow Chart Revisions



Matt Zimolzak

Chair, Address Workflow Subgroup

Address Theme Subcommittee Meeting

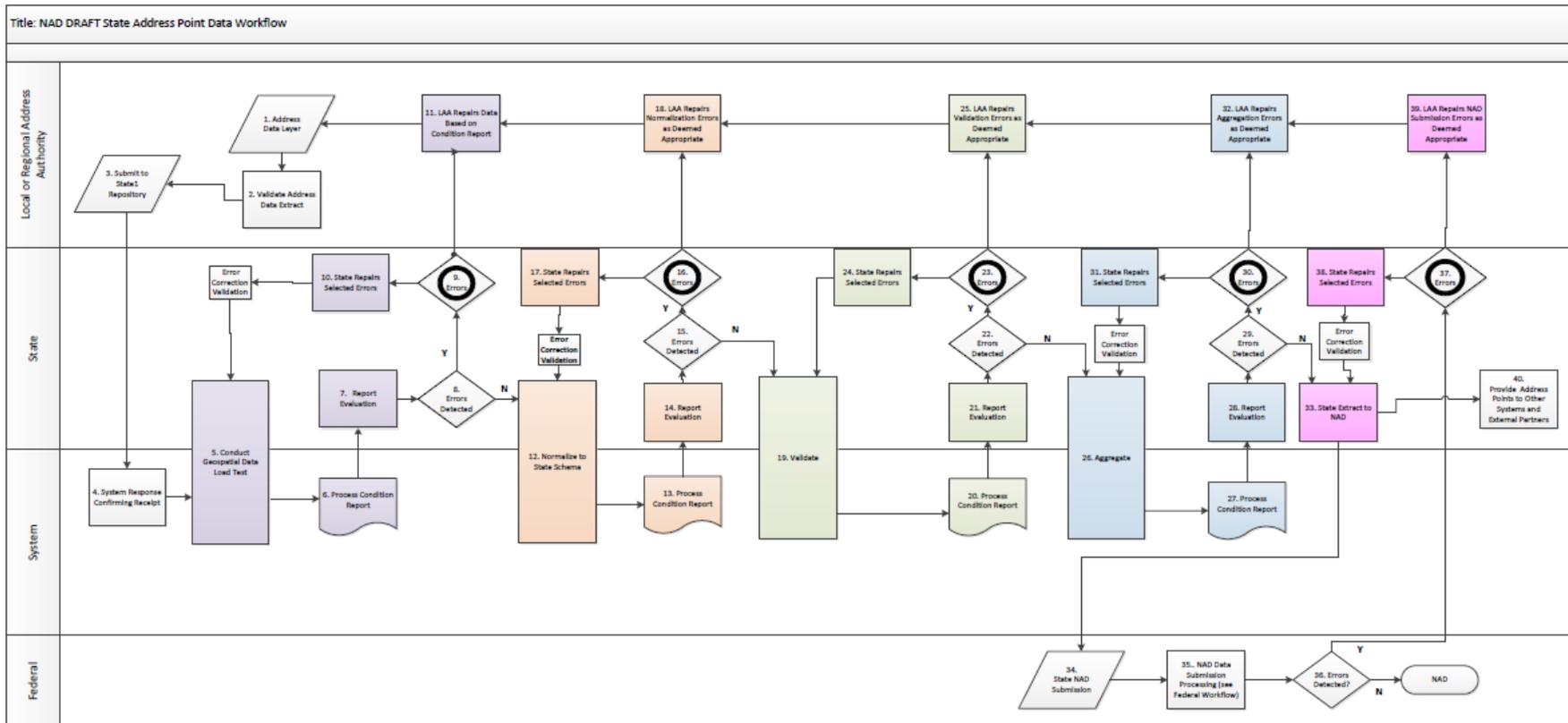
October 14, 2020

State Based Address Workflow Refresher

- (State Based) Address Workflow Chart
- Accompanying State Based Address Workflow Description Document

(Previous) State Based Address Workflow Chart

4/ 11/ 2013



State Based Address Workflow Chart

- Chart
 - Depicts Flow
 - Illustrates Swim Lanes (Actors)
 - Local Address Authority
 - State
 - System
 - Federal
- Legend (2nd page) - Describes Chart Symbols
 - Color - Five Process Phases
 - Initial Schema Review and Validation - Lavender
 - Normalization - Red
 - Validation - Green
 - Aggregation - Blue
 - Feedback Error Handling - Fluorescent Pink
 - No Color - Activities Outside the State Based Address Workflow or Specific Phase

State Based Address Workflow Chart Legend

1. Color descriptions - Process phases



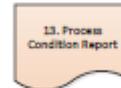
2. Parallelogram - File/Input



3. Box/Rectangle - Tasks/Actions



4. Document - Process report



5. Plain Diamond - Exclusive Gateway (binary decision)



6. Diamond with Circle - Inclusive Gateway (conditional paths)



7. Arrows - Workflow direction.



8. Oval - Process end.



Workflow Process Phases

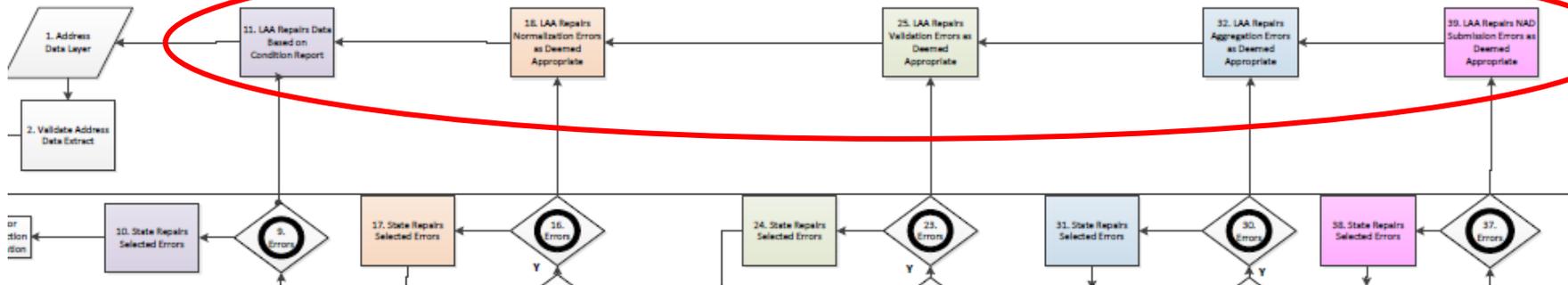
- We recommend parsing the process phases
- States could take alternative approaches to parsed processes
 - Could combine some of the processes, like initial schema review and normalization.
 - Could skip some processes, like initial schema review.
 - Recommend Validation as a Distinct Process

State Based Address Workflow Described

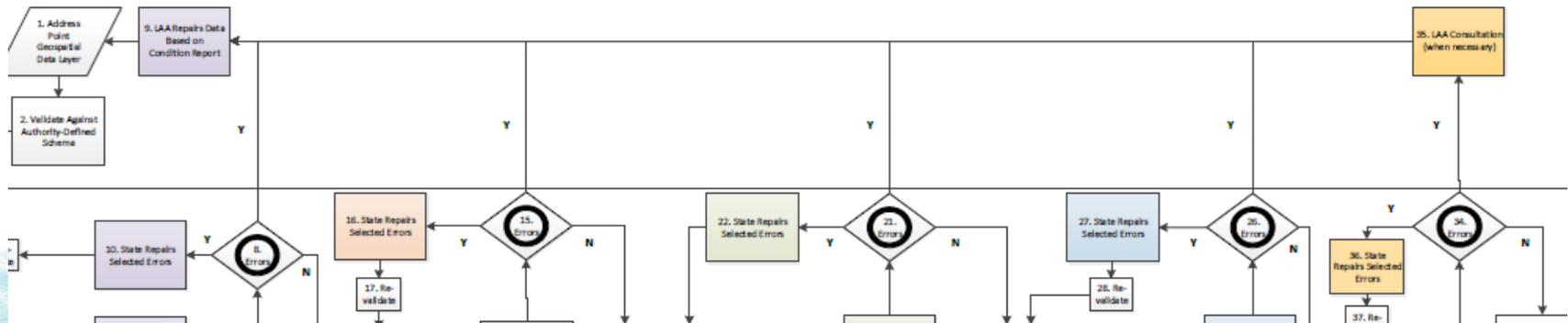
- State Based Address Workflow Description Document
 - Purpose
 - Swim Lane Descriptions
 - Numbered Chart Object Descriptions

State Based Address Workflow Issues

- Incorrect Workflow Depiction
 - Phase dependent LAA error handling, not iterative error handling

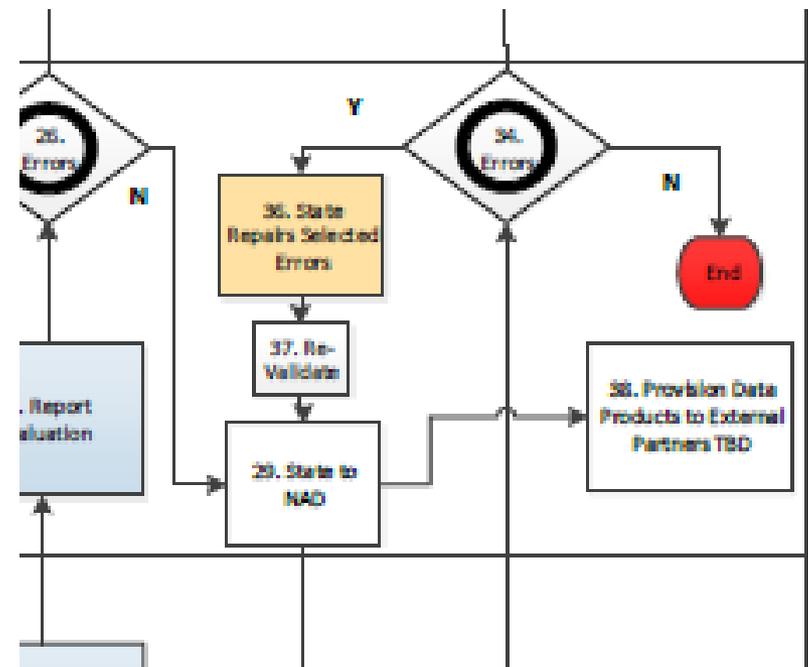
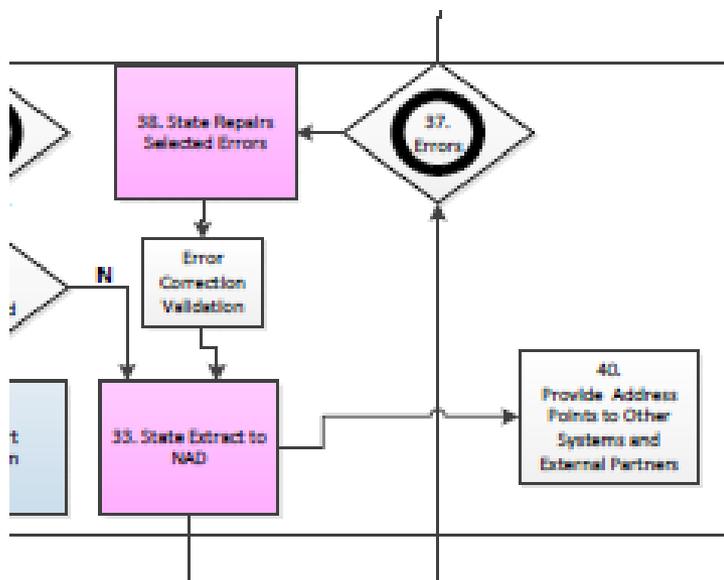


- Correct



State Based Address Workflow Issues (Cont.)

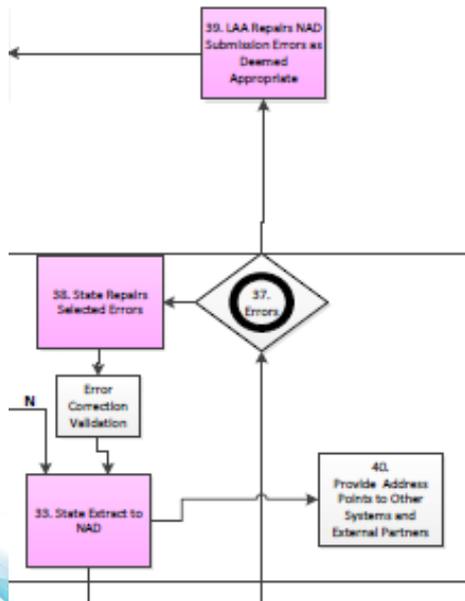
- Refined Workflow Depiction for Federal NAD Processing Error Handling



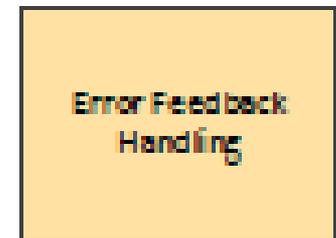
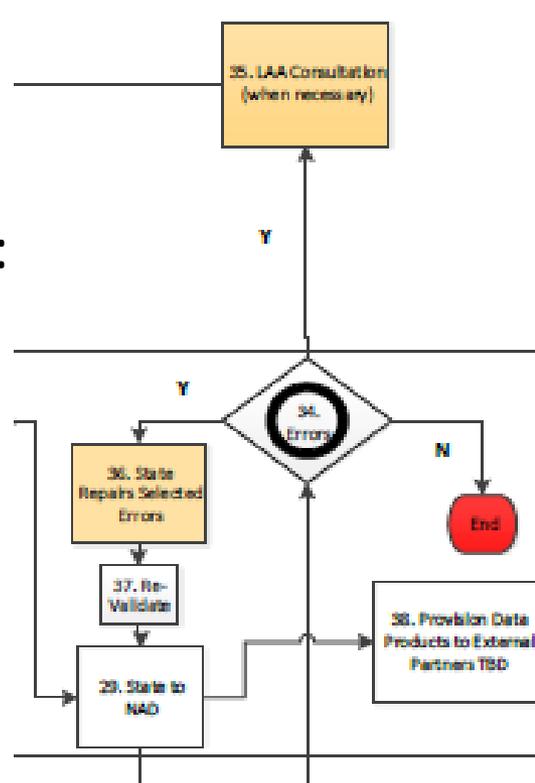
State Based Address Workflow Refinements

- Numbered State Error Handling Re-validation activities
 - Boxes 11, 17, 28 & 37
- Revised (Federal) Error Feedback Handling Phase Color (Orange)

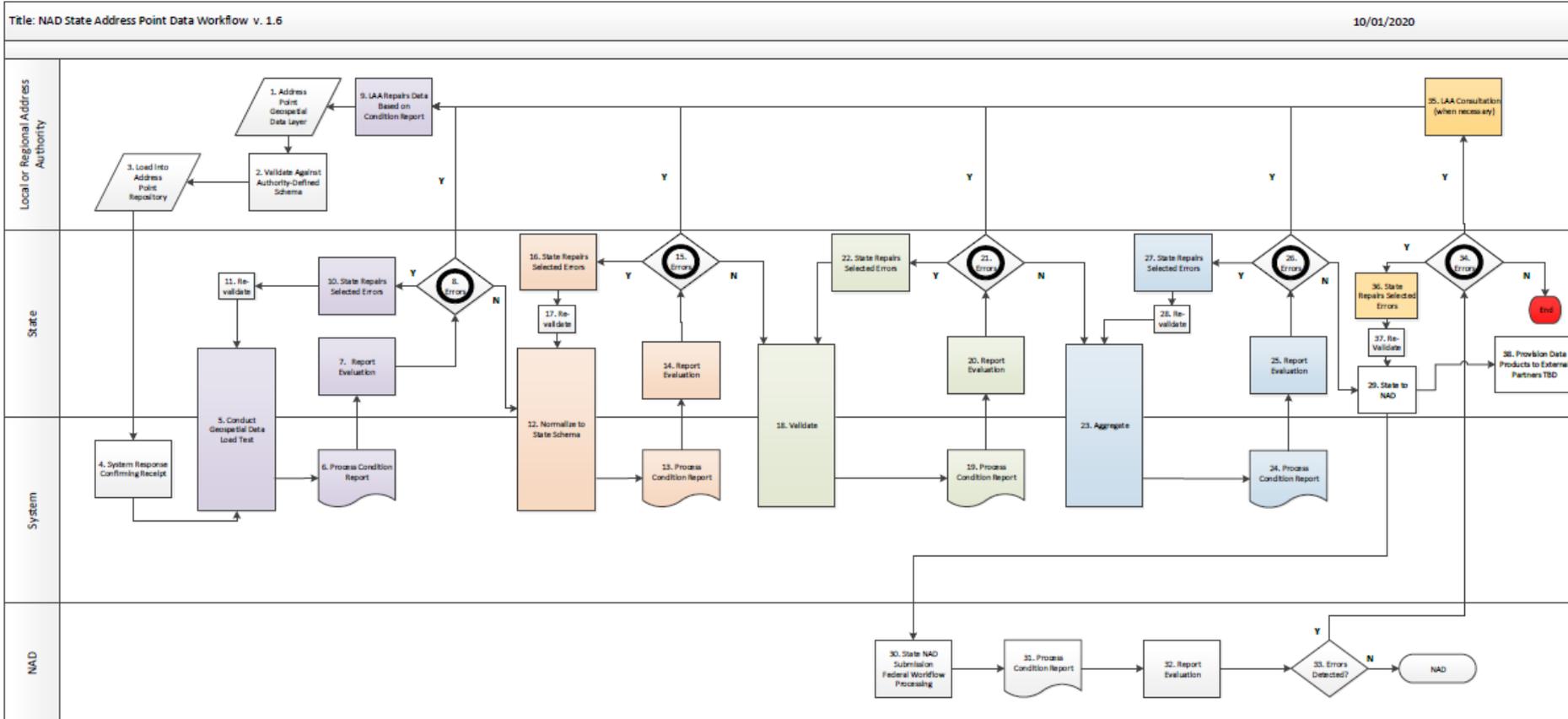
Was:



Now:



Revised State Based Address Workflow Chart



Address Workflow Subgroup

Thanks to all the Address Workflow Subgroup team members for the detailed discussions and results

- Dan Ross - GIO, State of Minnesota
- Joe Sewash - Virginia Geographic Information Network Coordinator, Integrated Services Program
- Omri Shafrir - FEMA (New)
- Martha Wells - URISA
- Nate Workman - IT Specialist, FEMA (Departed)
- Matt Zimolzak - Address Dataset Manager, Census Bureau; Chair, Address Workflow Subgroup

Chart Questions

Questions?

NAD Content Recommendations (Continued)

Additional Tasks

Section 7 describes additional tasks needed to provide complete recommendations for NAD data content.

1. Incorporate Comments from the Subcommittee
2. Confer with Domain Experts on Specific Questions
3. Integrate Content and Workflow Recommendations
4. Define Domain Table Items
5. Define Data Validation Test Result Items
6. Define Dataset Attributes
7. Define Data Provider Attributes
8. Update NAD Metadata

Questions?

Address Content Subgroup

David Cackowski, Chair

Florinda Balfour

Christian Jacqz

Ed Wells

Matt Zimolzak



Action Items

Thank You



Contacts: **Matt Zimolzak**
matthew.a.Zimolzak@census.gov
301-763-9419

Steve Lewis
steve.lewis@dot.gov
202-366-9223